

COMBINED DECLARATION FOR A PATENT APPLICATION  
AND POWER OF ATTORNEY

**FILE COPY**

As the below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR SEPARATING PARTICULATE SUBSTRATES FROM SOLUTION WHILE  
MINIMIZING PARTICLE LOSS

the specification of which:

☐ is attached hereto.

☒ was filed in the U.S. Patent and Trademark Office under Serial No.  
09/ 353,407 on July 15, 1999 and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application designating a country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application on the same subject having a filing date before that of the application on which priority is claimed:

			Priority Claimed
			<input type="checkbox"/> <input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year filed)	Yes No
_____	_____	_____	

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States Patent application(s) or PCT international applications designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status: patented/pending/abandoned)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status: patented/pending/abandoned)

I hereby appoint:

Leon R. Yankwich  
Thomas R. Berka  
Kenneth P. Zwicker

Reg. No. 30,237  
Reg. No. 39,606  
Reg. No. 43,310

and the firm of Yankwich & Associates, having an office at 130 Bishop Allen Drive, Cambridge, Mass. 02139 as my attorney and attorneys, with full powers of substitution and revocation and full authority to prosecute this application and to transact all business before the United States Patent and Trademark Office connected therewith.

Send all official correspondence to:

Leon R. Yankwich, Esq.  
Yankwich & Associates  
130 Bishop Allen Drive  
Cambridge, Mass. 02139

Direct telecommunications to:

Leon R. Yankwich, Esq.  
telephone: (617) 491-4343  
telecopier: (617) 491-8801

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first inventor HELGE LUBENOW

First inventor's signature



25/8/99

date

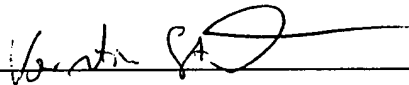
Residence Köln, Germany

Citizenship German

Post Office Address Max Ernst Strasse 42, 50859 Köln, Germany

Full name of second inventor KERSTIN STEINERT

Second inventor's signature



Sept 08, 1999

date

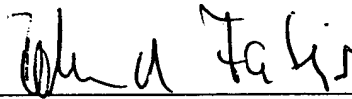
Residence Langenfeld, Germany

Citizenship German

Post Office Address Schneiderstrasse 5, 40764 Langenfeld, Germany

Full name of third inventor ROLAND FABIS

Third inventor's signature



Sept. 01, 1999

date

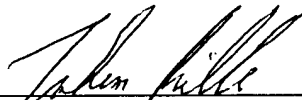
Residence Haan, Germany

Citizenship German

Post Office Address Bahnhofstrasse 20, 42781 Haan, Germany

Full name of fourth inventor JOACHIM RIBBE

Fourth inventor's signature



August 31, 1999

date

Residence Düsseldorf, Germany

Citizenship German

Post Office Address Gogrevestrasse 3, 40223 Düsseldorf, Germany

Full name of fifth inventor MELANIE EMMERLICH

Fifth inventor's signature Melanie Emmerich 25.8.99  
date

Residence Hilden, Germany

Citizenship German

---

Post Office Address Zeißweg 6, 40721 Hilden, Germany



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 13, 2000

PTAS

YANKWICH & ASSOCIATES  
LEON R. YANKWICH  
130 BISHOP ALLEN DRIVE  
CAMBRIDGE, MA 02139

**\*700001340A\***

~~\*700001340A\*~~

Q6N-004.005

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RECORDATION DATE: 07/12/2000

REEL/FRAME: 010779/0165  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LUBENOW, HELGE

DOC DATE: 06/16/2000

ASSIGNOR:

STEINERT, KERSTIN

DOC DATE: 06/20/2000

ASSIGNOR:

FABIS, ROLAND

DOC DATE: 06/26/2000

ASSIGNOR:

RIBBE, JOACHIM

DOC DATE: 06/19/2000

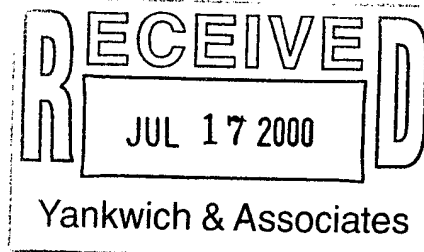
ASSIGNOR:

EMMERLICH, MELANIE

DOC DATE: 06/13/2000

ASSIGNEE:

QIAGEN GMBH



010779/0165 PAGE 2

SERIAL NUMBER: 09353407  
PATENT NUMBER:

FILING DATE: 07/15/1999  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

07/12/2000

FORM PTO-1595 (modified)

RECORDATION FORM COVER SHEET

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Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Helge Lubenow, Kerstin Steinert, Roland Fabis, Joachim Ribbe, Melanie Emmerlich

Additional name(s) of conveying parties(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

2. Name and address of receiving party(ies):

Name: Oiagen GmbH

Internal Address: \_\_\_\_\_

Address: Max-Volmer-Strasse 4  
40724 Hilden

Country: GERMANY

Execution Date: June 13- June 26, 2000

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers:

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

U.S. Appl. No. 09/353,407 filed July 15, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning the document should be mailed:

Name: Leon R. Yankwich

Internal Address: Yankwich & Associates

Street Address: 130 Bishop Allen Drive

City: Cambridge State: MA ZIP: 02139

6. Total number of applications and patents involved:  
one (1)

7. Total fee (37 CFR 3.41)...\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to PTO deposit account

8. Deposit Account number:  
50-0268

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Leon R. Yankwich

Name of Person Signing

Signature

Date

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Washington, D.C. 20231

JULY 18, 2000

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YANKWICH & ASSOCIATES  
LEON R. YANKWICH  
130 BISHOP ALLEN DRIVE  
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RECORDATION DATE: 07/13/2000

REEL/FRAME: 010790/0874  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LUBENOW, HELGE

DOC DATE: 06/16/2000

ASSIGNOR:

STEINERT, KERSTIN

DOC DATE: 06/20/2000

ASSIGNOR:

FABIS, ROLAND

DOC DATE: 06/26/2000

ASSIGNOR:

RIBBE, JOACHIM

DOC DATE: 06/14/2000

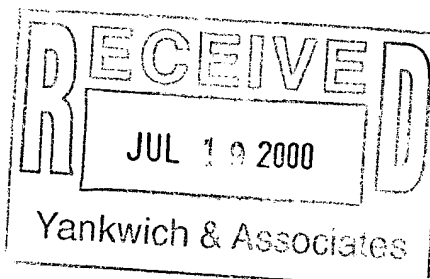
ASSIGNOR:

EMMERLICH, MELANIE

DOC DATE: 06/13/2000

ASSIGNEE:

QIAGEN GMBH





OPINION/ASSIGNMENTS 7/18/99 3.38. PAGE 003/4 RIGHT FAX  
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40724 HILDEN, FED REP GERMANY

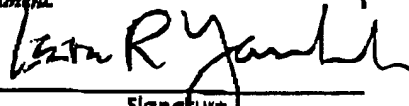
010790/0874 PAGE 2

SERIAL NUMBER: 09353407  
PATENT NUMBER:

FILING DATE: 07/15/1999  
ISSUE DATE:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
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07/13/2000

FORM PTO-1595 (modified)		RECORDATION FORM COVER SHEET		US DEPARTMENT OF COMMERCE Patent and Trademark Office	
<b>700001361</b> <b>PATENTS ONLY</b>					
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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other					
Execution Date: <u>June 13- June 26, 2000</u>					
4. Application number(s) or patent numbers:  If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>U.S. Appl. No. 09/353,407 filed July 15, 1999</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning the document should be mailed:  Name: <u>Leon R. Yankwich</u> Internal Address: <u>Yankwich &amp; Associates</u> Street Address: <u>130 Bishop Allen Drive</u> City: <u>Cambridge</u> State: <u>MA</u> ZIP: <u>02139</u>			6. Total number of applications and patents involved: <u>one (1)</u> 7. Total fee (37 CFR 3.41)....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to PTO deposit account 8. Deposit Account number: <u>50-0268</u> (Attach duplicate copy of this page if paying by deposit account)		
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## ASSIGNMENT

We,

- (1) Helge Lubenow,
- (2) Kerstin Steinert,
- (3) Roland Fabis,
- (4) Joachim Ribbe,
- (5) Melanie Emmerlich,

residing, respectively, at

- (1) Max-Ernst-Straße 42, 50859 Köln (DE),
- (2) Schneiderstraße 5, 40764 Langenfeld (DE),
- (3) Bahnhofstraße 20, 42781 Haan (DE),
- (4) Gogrevestrasse 3, 40223 Düsseldorf (DE), and
- (5) Zeißweg 6, 40721 Hilden (DE),

all citizens of Germany, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to QIAGEN GmbH, a corporation organized and existing under the laws of Germany and having an office and a place of business at Max-Volmer-Strasse 4, D-40724 Hilden, Germany, its successors and assigns:

1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in U.S. Patent application Ser. No. **09/353,407**, filed **July 15, 1999** and entitled: "METHODS FOR SEPARATING PARTICULATE SUBSTRATES FROM SOLUTION WHILE MINIMIZING PARTICLE LOSS" {Atty. Docket No. QGN-004.0 US (PA056)}, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

2) the full and complete right to file patent applications in the name of QIAGEN GmbH, its designee, or in our names at the election of QIAGEN GmbH or its designee, on the aforesaid inventions, discoveries and applications in all countries of the world;

3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions of the same; and

4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to QIAGEN GmbH as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.


We agree, at any time, upon the request of QIAGEN GmbH, to execute and to deliver to QIAGEN GmbH any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of QIAGEN GmbH such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of QIAGEN GmbH under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

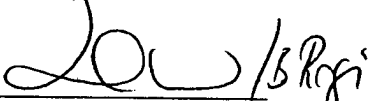
ASSIGNORS:

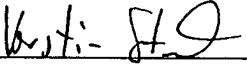
DATE OF SIGNING:

WITNESSED BY:

(1)   
Helge Lubenow

16/06/00  
date

(1)   
Witness: Brigitte Rogi

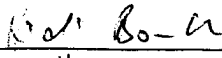
(2)   
Kerstin Steinert


20/06/00  
date

(2)   
Witness: Brigitte Rogi

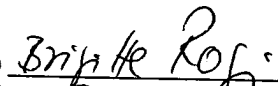
(3)   
Roland Fabis

26.06.2000  
date

(3)   
Witness: Heidi Boulton

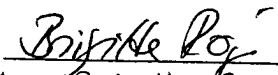
(4)   
Joachim Ribbe

14.06.2000  
date

(4)   
Witness: Brigitte Rogi

(5)   
Melanie Emmerlich

13.06.2000  
date

(5)   
Witness: Brigitte Rogi